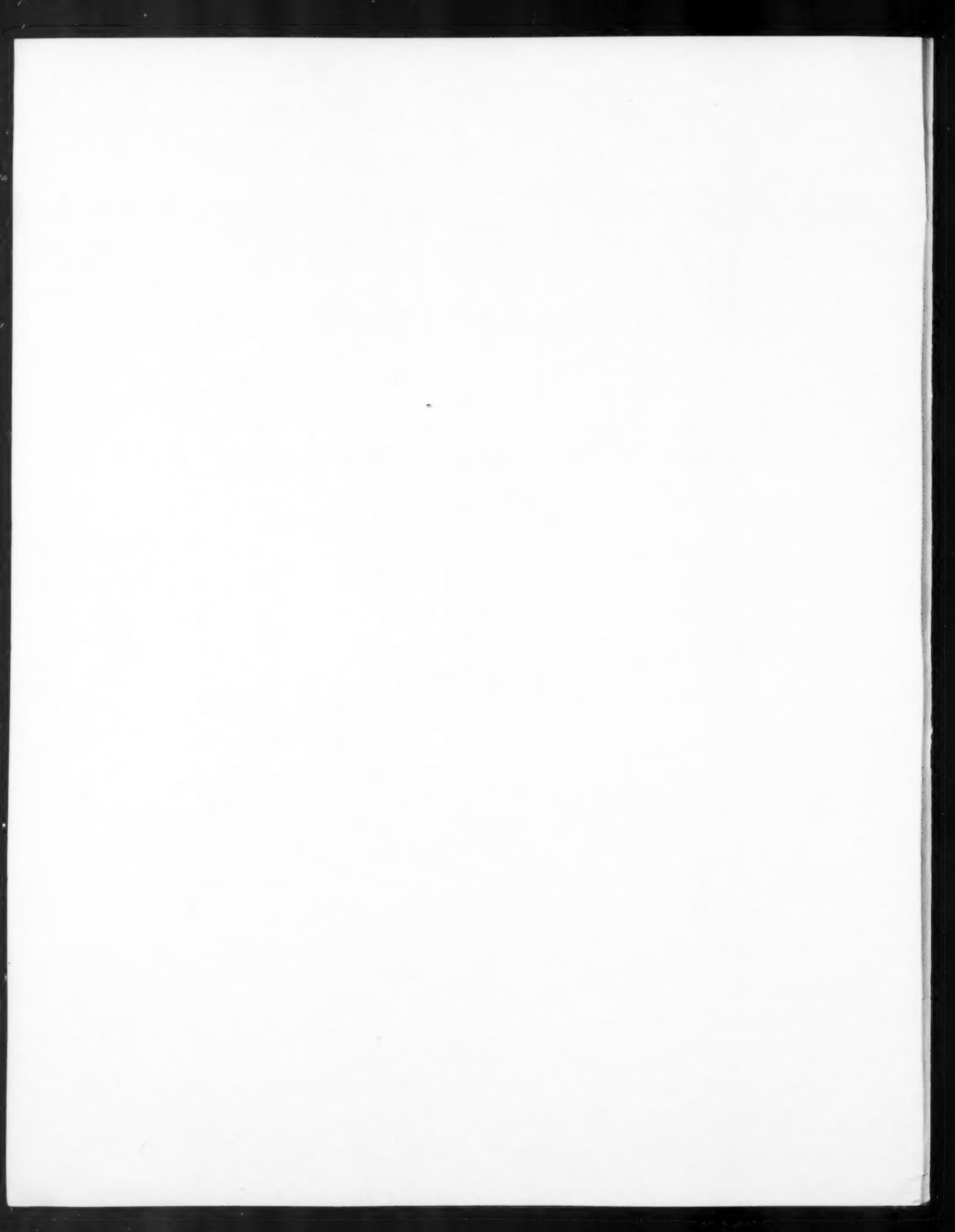




ISSN: 0027-0202

volume 6 number 11
november 1973

monthly
bibliography
of
medical
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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Institutes of Health
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INTRODUCTION

In 1948 at a Royal Society Scientific Information Conference, J. D. Bernal reported on a preliminary analysis of a study on the use of scientific literature. The object of the questionnaire was to find out directly from working scientists what they had read, why they had read it, and what use they had made of the information. In his report, Bernal stated that an overwhelming proportion of scientists read and appreciated reviews and that reviews formed a very important and increasing part of general background reading.

The reading habits of medical investigators, clinicians, and educators, and of workers in fields allied to medicine amply confirm today the observations of Bernal some twenty years ago. Indeed, as biomedical literature expands, the need for reviews appears more obvious.

Accordingly, in keeping with its tradition of service to the health professions, the National Library of Medicine is issuing its Bibliography of Medical Reviews as a separate monthly publication. We will continue to list reviews in Index Medicus as well.

Through the Monthly Bibliography of Medical Reviews, the Library hopes to provide health professionals with an easily accessible desk reference tool for guidance to the latest reviews in the journal literature of biomedicine.

Medical reviews are defined by the Library as articles which are well-documented surveys of the recent biomedical journal literature. In most cases the articles include a list of references either in the body of the paper or as a bibliography. Articles which include case reports are considered reviews only when the case report serves to document the subject of the review.

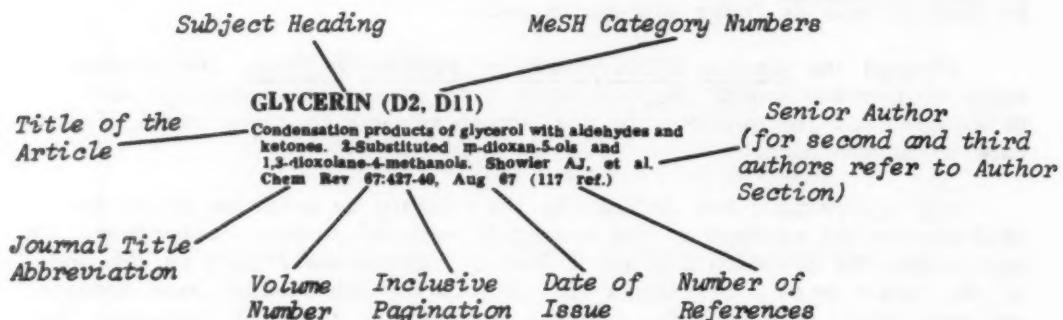
Articles with the following characteristics are not considered as reviews in this bibliography: case reports or original research articles containing a review of the literature as an adjunct; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.

SUBJECT HEADINGS

Users of Monthly Bibliography of Medical Reviews will find an acquaintance with Medical Subject Headings (MeSH) useful in determining which subject headings are most appropriate for their needs. MeSH, the National Library of Medicine's authority list, is the technical language which provides controlled subject access to the biomedical literature indexed for MEDLARS. MeSH is published as Part 2 of the January Index Medicus (see list of publications, inside front cover).

Although the most specific terms available in MeSH are used in indexing articles for Index Medicus, broader headings are used for reviews to enable grouping of similar material.

SAMPLE CITATION



NATIONAL LIBRARY OF MEDICINE LITERATURE SEARCHES

These bibliographies are reprints of literature searches requested by individual physicians, scientists, and other health professionals, and are considered to be of wide interest. Single copies may be ordered by number and title from NLM at no charge.

L.S. No.	Title	L.S. No.	Title
70-1	Drug therapy of alcoholism. January 1967—December 1969. (323 citations)	70-30	Automation or use of computers in laboratory diagnosis. January 1968—April 1970. (419 citations)
70-2	Adverse effects of oral contraceptives. January 1967—December 1969. (469 citations)	70-31	Teaching aids in special education. January 1967—May 1970. (116 citations)
70-3	Mortality or self-destructive behavior in drug abuse. January 1967—December 1969. (59 citations)	70-32	Psychological response to hemodialysis. January 1967—May 1970. (52 citations)
70-4	Non-nutritive sweeteners. January 1964—December 1969. (66 citations)	70-33	Antilymphocyte serum—human applications. January 1967—April 1970. (168 citations)
70-5	Drug abuse and crime. January 1967—December 1969. (73 citations)	70-34	Gastrin release. January 1967—May 1970. (86 citations)
70-6	The effects of diet and nutrition on learning. January 1967—December 1969. (61 citations)	70-35	Psychological aspects of transplantation. January 1967—May 1970. (63 citations)
70-7	Dyslexia. January 1967—December 1969. (162 citations)	70-36	Clinical aspects of chelating agents. January 1967—June 1970. (517 citations)
70-8	Health care for the poor in the United States. January 1967—December 1969. (132 citations)	70-37	Metal implants in humans. January 1967—June 1970. (319 citations)
70-9	Programmed instruction in medicine and allied professions. January 1967—December 1969. (108 citations)	70-38	Assisted circulation. January 1967—June 1970. (179 citations)
70-10	Computer applications in human electrocardiography. January 1964—December 1969. (284 citations)	70-39	Pesticides and ecosystems. January 1967—July 1970. (527 citations)
70-11	Medical care in developing countries. January 1967—December 1969. (299 citations)	70-40	Health aspects of mining. January 1967—July 1970. (213 citations)
70-12	Risk of infection in the microbiology laboratory. January 1967—December 1969. (143 citations)	70-41	Sport medicine. January 1967—July 1970. (356 citations)
70-13	Adverse effects of food additives. January 1967—December 1969. (41 citations)	70-42	Genetics and socially deviant behavior. January 1967—June 1970. (137 citations)
70-14	DOPA in neuromuscular disorders. January 1967—March 1970. (98 citations)	70-43	Prostaglandins and smooth muscles. January 1967—July 1970. (147 citations)
70-15	Psychopharmacology in geriatrics. January 1967—March 1970. (189 citations)	70-44	Psychological aspects of asthma. January 1968—September 1970. (115 citations)
70-16	Control of obesity by diet. January 1967—March 1970. (98 citations)	70-45	Mercury contamination of water, aquatic organisms, and foods. January 1968—September 1970. (82 citations)
70-17	Conditioned learning in the brain damaged child. January 1967—March 1970. (75 citations)	70-46	The arts in therapy. January 1968—September 1970. (101 citations)
70-18	Dietary fats and cardiovascular disease. January 1967—March 1970. (174 citations)	70-47	Geriatric dentistry. January 1968—November 1970. (113 citations)
70-19	Medicine in Vietnam. January 1964—December 1969. (451 citations)	70-48	Group interactions for social awareness; sensitivity training. January 1968—September 1970. (99 citations)
70-20	Medical aspects of civil disorders. January 1967—March 1970. (36 citations)	70-49	Cyclic AMP (adenosine cyclic 3', 5'-phosphate) and adenylyl cyclase. January 1968—September 1970. (656 citations)
70-21	Treatment of burns. January 1967—April 1970. (523 English language citations)	70-50	Urban environmental pollution. January 1968—November 1970. (107 citations)
70-22	Lithium in humans. January 1967—April 1970. (190 citations)	71-1	Fetal monitoring during labor. January 1966—March 1971. (137 citations)
70-23	Surgery in obstructive coronary artery disease. January 1967—April 1970. (228 English language citations)	71-2	Genetic counseling. January 1968—March 1971. (92 citations)
70-24	The pregnant adolescent. January 1967—April 1970. (94 English language citations)	71-3	Transplantation in the therapy of hearing disorders. January 1968—March 1971. (258 citations)
70-25	North American Indian and Eskimo health. January 1967—April 1970. (233 citations)	71-4	Attitudes toward death. January 1968—March 1971. (295 citations)
70-26	Fatigue countermeasures. January 1967—May 1970. (65 citations)	71-5	Behavioral responses to animal interactions. January 1968—March 1971. (180 citations)
70-27	Enzymes and dental disease. January 1967—May 1970. (142 citations)	71-6	Health aspects of occupational exposure to X-rays. January 1968—March 1971. (57 English language citations)
70-28	Amniocentesis. January 1967—May 1970. (56 citations)	71-7	Rabies in wildlife. January 1968—March 1971. (99 citations)
70-29	Psychiatric aspects of abortion. January 1967—April 1970. (87 citations)		

L.S. No.	Title	L.S. No.	Title
71-8	Emergency psychiatry. January 1968—March 1971. (176 citations) (Supplement to LS 4-68)	72-12	Audio-visual aids in the teaching of dentistry. January 1969 through April 1972. (52 citations)
71-9	DNA polymerase. January 1968—March 1971. (276 citations)	72-13	Audio-visual aids in the teaching of allied health occupations. January 1969 through April 1972. (39 citations)
71-10	Oral manifestations of adverse drug reactions. January 1968—March 1971. (176 citations)	72-14	Sickle cell anemia — epidemiologic, genetic, social, legal and ethical aspects. January 1969—May 1972. (116 citations)
71-11	Psychosocial response to factors in the urban environment. Mental health services in cities. January 1968—March 1971. (233 citations)	72-15	Malnutrition and mental development in man. January 1969—June 1972. (56 citations)
71-12	Health hazards and hygiene in exposure to atomic radiation. January 1968—March 1971. (230 citations)	72-16	Toxicity of intentional food additives. January 1969—June 1972. (264 citations)
71-13	Maturity onset diabetes. January 1968—February 1971. (130 citations)	72-17	Vasectomy—psychosocial aspects. January 1969—June 1972. (52 citations)
71-14	Sudden unexpected death in infants. January 1968—March 1971. (101 citations)	72-18	Medicine in Vietnam. January 1969—June 1972. (337 citations)
71-15	Physicians' assistants. January 1968—December 1970. (73 citations)	72-19	Geriatric dentistry. (Supplement to LS 70-47) December 1970—June 1972. 90 citations.
71-16	Automated multiphasic screening. January 1969—June 1971. (75 citations)	72-20	Forensic dentistry. January 1969—June 1972. 163 citations.
71-17	Drugs in control of narcotic addiction. January 1969—June 1971. (86 citations)	72-21	Provision of health care to the poor in the United States. January 1969—June 1972. 162 citations.
71-18	Government role in financing the delivery of health care in the United States. January 1969—June 1971. (289 English language citations)	72-22	Lead poisoning in children. January 1969—June 1972. 100 citations.
71-19	Government role in financing the delivery of dental care in the United States. January 1969—June 1971. (76 English language citations)	72-23	Diagnosis and therapy of gonorrhea. January 1969—June 1972. 189 citations in English.
71-20	Cannabis toxicology. September 1968—July 1971. (355 citations)	72-24	Care and maintenance of laboratory animals. January 1969—June 1972. 299 English language citations.
71-21	Effects of hallucinogens on man. September 1968—August 1971. (609 English language or English abstract citations)	72-25	Physical management of rheumatoid arthritis. January 1969 through July 1972. 54 English language citations.
71-22	Drug withdrawal symptoms in man. September 1968—August 1971. (246 citations)	72-26	Mobile coronary care units. January 1969 through August 1972. 51 citations.
71-23	Psychotherapy in drug addiction or abuse. Supplement to Literature Search No. 2-69. September 1968—October 1971. (157 citations)	72-27	Helicopter ambulance service. January 1969 through August 1972. 19 citations.
71-24	Venezuelan equine encephalitis virus. January 1969—October 1971. (85 citations)	72-28	Ambulance service. January 1969 through August 1972. 29 citations.
71-25	Quality control, reliability and standards in clinical laboratories. January 1969—October 1971. (273 English language citations)	72-29	Tay-Sachs disease. January 1969 through August 1972. 98 citations.
72-1	Acupuncture. January 1969—February 1972. (69 citations)	72-30	Research and training support in medicine. January 1969 through August 1972. 225 citations in English.
72-2	Programmed instruction in medicine and allied health professions. January 1969—February 1972. (129 citations) This bibliography is an up-dating of Literature Search no. 70-9.	72-31	Plastics and phthalate esters. January 1969 through September 1972. 135 citations.
72-3	Medical care in developing countries. (Supplement to LS 70-11) January 1970—April 1972. (400 citations)	72-32	Health services for adolescents. January 1969 through January 1973. 274 citations in English.
72-4	Hexachlorophene. January 1969—March 1972. (130 citations)	72-33	Effects of noise on man (and animals). Supplement to Literature Search 12-68. January 1969 through September 1972. 214 citations in English.
72-5	Medicine and health in China. January 1969—March 1972. (173 citations)	72-34	Sport medicine (Updates L.S. No. 70-41). August 1970 through October 1972. 312 citations in English.
72-6	Drug therapy for hyperkinetic children. January 1969—March 1972. (64 citations)	72-35	Adverse effects of LSD (Updates Literature Search 24-68). January 1969 through October 1972. 154 citations in English.
72-7	Sickle cell anemia—diagnosis, pathology, complications and therapy. January 1969—April 1972. (339 citations)	72-36	Family planning programs. January 1970 through November 1972. 487 citations.
72-8	Vitamin C and the common cold. January 1969—April 1972 (25 citations)	72-37	Allergy to arthropod stings. January 1969 through November 1972. 73 citations.
72-9	Electrical safety and hazards in the hospital. January 1969—March 1972. (102 citations)	73-1	Prostaglandins in abortion and reproductive physiology. January 1969 through December 1972. 226 citations.
72-10	Audio-visual aids in the teaching of medicine. January 1969 through April 1972. (74 citations)	73-2	Day care for the elderly. January 1969 through December 1972. 49 citations.
72-11	Audio-visual aids in the teaching of nursing. January 1969 through April 1972. (46 citations)	73-3	Air pollution effects. With emphasis on hypersensitivity. January 1970 through February 1973. 546 citations in English.
		73-4	Human experimentation. January 1969 through January 1973. 220 citations.
		73-5	Health maintenance organizations. January 1969 through January 1973. 229 citations in English.
		73-6	Transplantation—Ethical, legal, and religious aspects. January 1969 through January 1973. 201 citations in English.

<u>L.S. No.</u>	<u>Title</u>	<u>L.S. No.</u>	<u>Title</u>
73-7	Health indices in the United States. January 1969 through January 1973. 222 citations in English.	73-19	Health aspects of prison populations. January 1970 through May 1973. 302 citations.
73-8	Drugs in control of narcotic addiction Supplement to LS 71-17. July 1971 through February 1973. 245 citations.	73-20	Cholelithiasis: etiology and drug therapy. January 1970 through July 1973. 147 citations.
73-9	Acupuncture. Supplement to LS 72-1. March 1972 through March 1973. 90 citations.	73-21	The microwave oven. January 1970 through July 1973. 37 citations.
73-10	Hospital architecture. January 1970 through February 1973. 330 citations in English.	73-22	Adverse effects of intrauterine devices. January 1970 through July 1973. 372 citations.
73-11	Drug therapy of alcoholism. Supplement to LS 70-1. January 1970 through March 1973. 257 citations.	73-23	Nomenclatures, subject headings, and classifications. January 1970 through July 1973. 511 citations.
73-12	Psychotherapy in alcoholism. January 1970 through February 1973. 108 citations in English.	73-24	Rape. January 1970 through June 1973. 64 citations.
73-13	Psychological aspects of cancer. January 1970 through March 1973. 126 citations in English.	73-25	Adverse effects or toxicity of implant materials. January 1970 through June 1973. 215 citations.
73-14	Neoplasm models. January 1970 through March 1973. 589 citations in English.	73-26	The hospital emergency room. January 1970 through June 1973. 194 citations.
73-15	Psychopharmacology in geriatrics. Updates Literature Search 70-15. April 1970 through May 1973. 258 citations.	73-27	Laparoscopic sterilization. January 1970 through July 1973. 80 citations.
73-16	Control of obesity by diet. Updates LS 70-16. April 1970 through May 1973. 159 citations.	73-28	Child abuse. January 1970 through July 1973. 303 citations.
73-17	Sudden unexpected death in infants. Updates LS 71-14. April 1971 through June 1973. 108 citations.	73-29	Chemistry of common poisonous plants. January 1970 through July 1973. 156 citations.
73-18	Psychosurgery. January 1970 through May 1973. 99 citations.	73-30	Chagas' disease. January 1970 through July 1973. 404 citations.
		73-31	Asbestos toxicity. January 1970 through July 1973. 363 citations.

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Medical Reviews are defined by NLM, for inclusion in the Bibliography of Medical Reviews, as articles which are well documented surveys of the recent biomedical literature.

Not included are: reviews of the literature which document case reports or original research; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.

Although the most specific terms available in MeSH are used in indexing articles for Index Medicus, broader headings are applied for reviews to enable grouping of similar material.

ABNORMALITIES (C16)

[Congenital disorders in the presence of nutritional microelement deficiencies] Stolar VI. *Pediatrics* 51:75-8, Oct 72 (Rus)

ABNORMALITIES, DRUG-INDUCED (C14, C16)

[Do hallucinogens cause chromosomal defects and abnormalities?] Eberle P. *Nervenarzt* 44:381-4, Jun 73 (99 ref.) (Ger)

ABORTION (C6)

Hazards in the operating theatre. Contamination of air by anaesthetics. Spence AA. *Ann R Coll Surg Engl* 53:380-1, Jun 73 (9 ref.) [Cytogenetic causes of abortion] Peix L. *Zentralbl Gynaekol* 94:145-55, 5 Feb 72 (77 ref.) (Ger)

ACETYLCHOLINE (D5)

Actions of transmitter substances on the neuromuscular junctions of vertebrates and invertebrates. Takeuchi A, et al. *Adv Biophys (Tokyo)* 3:45-95, 1972 (161 ref.)

ACID-BASE EQUILIBRIUM (G1, H)

[The cerebrospinal fluid in disturbances of plasma acid-base equilibrium] Géraud J, et al. *Nov Presse Med* 2:1785-90, 30 Jun 73 (60 ref.) (Fre)

ACOUSTIC TRAUMA (C11, C14)

Pure-tone acuity, speech-hearing ability and deafness in acoustic trauma. A review of the literature. Noble WG. *Audiology* 12:291-315, Jul-Aug 73 (70 ref.)

ADAPTATION, PHYSIOLOGICAL (G1)

[Adaptation of the newborn infant to the extrauterine world] Kirach W. *Med Monatsschr 27:242-5*, Jun 73 (11 ref.) (Ger) [Cell resistance to harmful factors] Montsevichute-Kringene. *Patol Fisiol Eksp Tsv* 18:33-9, Nov-Dec 73 (134 ref.) (Rus)

ADENOCARCINOMA (C2)

The environmental biology of cancer of the stomach and large intestine. Higgins J. *Aktuel Probl Chir* 14:37-55, 1970 (38 ref.) [Colorectal adenomas and adenocarcinomas. Graham J. *III Med J* 143:529-31 *passim*, Jun 73

ADENOMA (C2)

[Colorectal adenomas and adenocarcinomas. Graham J. *III Med J* 143:529-31 *passim*, Jun 73

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE (D10)

On the mechanism of action of cyclic AMP and its role in synaptic transmission. Greenard P, et al. *Adv Cyclic Nucleotide Res* 1:337-55, 1972 (38 ref.) Cyclic AMP as a first messenger. Konijn TM. *Adv Cyclic Nucleotide Res* 1:17-31, 1972 (38 ref.) The positive inotropic effect of cyclic AMP. Kukovitz WR, et al.

Adv Cyclic Nucleotide Res 1:361-90, 1972 (107 ref.)

Regulation of gene transcription in Escherichia coli by cyclic AMP. Pastan I, et al.

Adv Cyclic Nucleotide Res 1:11-6, 1972 (13 ref.)

Role of cyclic AMP in platelet function. Salzman EW, et al. *Adv Cyclic Nucleotide Res* 1:231-47, 1972 (38 ref.)

The role of cyclic AMP in lysosome mobilization and their nucleotriptic translocation in steroid hormonal target cells. Szegö CM.

Adv Cyclic Nucleotide Res 1:541-64, 1972 (50 ref.)

Cyclic AMP in digestive physiology. Levine RA. *Am J Clin Nutr* 26:876-81, Aug 73 (43 ref.)

ADRENAL CORTEX HORMONES (D8)

Factors influencing the penetration of corticosteroids through the epidermis. Polano MK, et al. *Adv Biol Skin* 12:325-38, 1972 (19 ref.)

ADRENAL GLANDS (A6)

Physical activity and ageing-a survey of Soviet literature. II. The effect of exercise on the various systems of the organism. Gore IV. *Gerontol Clin (Basel)* 14:70-7, 1972 (34 ref.) Adrenocortical function in malnutrition.

Nutr Rev 31:127-9, Apr 73 (8 ref.)

ADRENAL MEDULLA (A6)

The secretory process of the adrenal medulla (review). Trifarić JM. *Endocrinol Exp (Bratisl)* 4:225-51, 1970 (206 ref.)

Control of epinephrine synthesis and secretion. Fuller RW. *Fed Proc* 33:1772-81, Jul 73 (322 ref.)

ADRENERGIC BETA RECEPTOR

BLOCKADERS (D5)

[Beta-blocking agents in anesthesia and resuscitation] Nicolas F. *Anesth Analg (Paris)* 30:21-40, Jan-Feb 73 (80 ref.) (Fre)

AFLATOXIN (D13)

The aflatoxins and human liver cancer. Linsell CA, et al. *Recent Results Cancer Res* 39:125-9, 1972 (16 ref.)

AGE FACTORS (N1)

[Myocardial infarct and age] Gurevich MA. *Kardiologija* 13:5-14, May 73 (37 ref.) (Eng. Abstr.) (Rus)

AGING (G1)

The biology of human aging. Hayflick L. *Am J Med Sci* 265:433-45, Jun 73 (61 ref.)

The aging of alpha-crystallin: a review. Spector A. *Exp Eye Res* 16:115-21, Jun 73 (15 ref.)

Physical activity and ageing-a survey of Soviet literature. 3. The character of physical activity; training and longitudinal results. Gore IV.

Gerontol Clin (Basel) 14:78-85, 1972 (18 ref.)

Physical activity and ageing-a survey of Soviet literature. II. The effect of exercise on the various systems of the organism. Gore IV.

Gerontol Clin (Basel) 14:70-7, 1972 (34 ref.)

Physical activity and ageing-a survey of Soviet literature. I. Some of the underlying concepts. Gore IV.

Gerontol Clin (Basel) 14:85-9, 1972 (14 ref.)

Basic mechanisms of aging in the neuromuscular system. Gutmann E, et al. *Mech Ageing Dev* 1:327-49, Mar 73 (127 ref.)

AIR (G3)

Atmospheric respiration capacity of streams. I. Critical review of methods available to measure and to calculate the atmospheric respiration rate constant. Zogorski JS, et al. *Environ Lett* 4:35-59, 1973 (36 ref.)

AIR POLLUTION (G3)

Hazards in the operating theatre. Contamination of air by anaesthetics. Spence AA. *Ann R Coll Surg Engl* 53:380-1, Jun 73 (9 ref.)

[Results of animal experiments on the effect of air contamination with particles and gases] Antweiler H, et al.

Zentralbl Bakteriol [Orig B] 155:263-71, Dec 71 (36 ref.) (Eng. Abstr.) (Ger)

ALCOHOL, ETHYL (D2)

Modification of metabolic effects of ethanol by fructose. Yilkahri RH, et al. *Acta Med Scand [Suppl]* 542:141-50, 1973 (59 ref.)

Alcohol. Shepard RM, et al. *Tex Med* 69:63-72, Jun 73

ALCOHOLIC BEVERAGES (J)

Alcohol. Shepard RM, et al. *Tex Med* 69:63-72, Jun 73

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General concepts of autoreactivity in disease. Parish WE. *Adv Biol Skin* 11:233-66, 1971 (78 ref.) [Lens proteins and phagocytic uveitis] Mimura Y. *Acta Soc Ophthalmol Jap* 77:176-85, 1973 (104 ref.) (Eng. Abstr.) (Jap)

AUTONOMIC NERVOUS SYSTEM (A8)

Endothoracic neurogenic tumors in children and adults and their endocrine activity. Saenger F., et al. *Aktuel Probl Chir* 14:513-38, 1970 (112 ref.)

BACTERIA (B3)

The pathways of nitrogen fixation. Benemann JR, et al. *Adv Microb Physiol* 8:89-104, 1972 (247 ref.) Rapid detection and assessment of sparse microbial populations. Strange RE. *Adv Microb Physiol* 8:105-41, 1972 (147 ref.) Methods and effectiveness of distribution of microbial insecticides. Jaques RP. *Ann NY Acad Sci* 217:109-18, 23 Jun 73 (85 ref.) The genetics of bacterial ribosomes. Davies J., et al. *Annu Rev Genet* 6:203-34, 1973 (231 ref.) The genetics of bacterial transport systems. Lin EC. *Annu Rev Genet* 4:225-62, 1970 (234 ref.) The bacterial mesosome. Reusch VM Jr, et al. *Biochim Biophys Acta* 300:79-104, 3 Apr 73 (107 ref.) [Trait transmission in bacteria by means of conjugation] Chylak J. *Pol Tyg Lek* 28:959-62, 18 Jul 73 (14 ref.) (Pol) [Cell resistance to harmful factors] Montsevichite-Eringene. *Fiziol Rasten Ekspl Ter* 16:83-9, Nov-Dec 73 (124 ref.) (Rus)

BACTERIAL INFECTIONS (C1)

Resistance to microbial infection--vaccines in theory and practice. Woolcock JB. *Aust Vet J* 49:307-17, Jun 73 (96 ref.)

BACTERIOPHAGE (B4)

[Genetic and biochemical aspects of transcription regulation in the bacteria *E. coli* and its phages] Lecocq JP. *Biochimie* 55:1-4, 1973 (45 ref.) (Fre)

BASEMENT MEMBRANE (A10)

Structure and biosynthesis of basement membranes. Kefalides NA. *Int Rev Connect Tissue Res* 6:63-104, 1973 (110 ref.)

BEHAVIOR, ANIMAL (F1)

Tests for emotionality in rats and mice: a review. Archer J. *Anim Behav* 21:205-35, May 73 (167 ref.) An analysis of the effects of septal lesions on negatively reinforced behavior. Caplan M. *Behav Biol* 9:129-67, Aug 73 (129 ref.) Prenatal psychological stress and offspring behavior in rats and mice. Archer JE, et al. *Dev Psychobiol* 4:193-248, 1971 (97 ref.) Overview and critique of stages and periods in canine development. Fox MW. *Dev Psychobiol* 4:37-54, 1971 (59 ref.)

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[Factors regulating bile secretion] Kusaka J. *Pol Tyg Lek* 28:376-9, 4 Jun 73 (30 ref.) (Pol)

BILE ACIDS AND SALTS (D7)

Dissolution of gallstones. *Nutr Rev* 31:113-4, Apr 73 (2 ref.)

BIOCOMPATIBLE MATERIALS (D13)

Water as a biomaterial. Andrade JD, et al. *Trans Am Soc Artif Intern Organs* 19:1-7, 1973 (73 ref.)

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BIOMEDICAL ENGINEERING (G2, J)

Performance analysis of imaging systems. Aronow S. *Semin Nucl Med* 3:239-57, Jul 73 (21 ref.)

BIOPHYSICS (G1, H)

Stochastic theory of reaction kinetics. Toramoto E, et al. *Adv Biophys (Tokyo)* 2:155-200, 1971 (34 ref.)

BIOTRANSFORMATION (G1)

Biotransformation of drugs used in anesthesia. Cascieri HF. *Anesthesiology* 39:115-25, Aug 73 (68 ref.)

BLINDNESS (C11)

Transmission of pictorial information through the skin. Collins CC, et al. *Adv Biol Med Phys* 14:285-315, 1973 (33 ref.)

BLOOD (A7, A10, A12)

Physical activity and ageing—a survey of Soviet literature. II. The effect of exercise on the various systems of the organism. Gore IV. *Gerontol Clin (Basel)* 14:70-7, 1973 (34 ref.)

BLOOD COAGULATION TESTS (E1)

[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS. *Lab Delo* 11:448-56, 1972 (100 ref.) (Rus)

BLOOD PLATELETS (A11)

Role of cyclic AMP in platelet function. Salzman EW, et al. *Adv Cyclic Nucleotide Res* 1:231-47, 1972 (38 ref.) [Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS. *Lab Delo* 11:448-56, 1972 (100 ref.) (Rus)

BLOOD PRESSURE (G1)

[Analysis of arterial pressure change] Iriuchijima J. *J Physiol Soc Jap* 35:1-9, Jan 73 (26 ref.) (Jap)

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EDUCATION, AND WELFARE

Public Health Service
National Institutes of Health

DHEW Publication No. (NIH) 74-253

